

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 02 Aug 2023 until 23:59 on Thursday 03 Aug 2023

Forecast Issued on Tuesday 01 Aug 2023 at 15:45

Confidence: High for overall unsettled theme, lower for detail around duration and intensity of rain or showers.

Headline for Wednesday 02 Aug 2023: Cloudy with showers or longer spells of rain, heavy and perhaps thundery at times.

Mountain weather hazards on Wednesday 02 Aug 2023

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Low Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy rain showers	Light rain showers	Light rain showers	Cloudy
Precipitation probability							
90%	80%	90%	90%	60%	50%	50%	20%

Forecast for Wednesday 02 Aug 2023

Weather: Cloudy overnight with long periods of rain which will be heavy at times. Some breaks in the cloud during the morning but further showers will develop, often heavy with a risk of thunderstorms. Showers easing slowly during the afternoon and through the evening?

Chance of cloud-free hill tops above 600m: 20% overnight improving to 60% by early afternoon.

Low Cloud and visibility: Extensive cloud overnight around 300 metres with poor visibility. Lifting and breaking by early afternoon to 600 metres with mainly good visibility. Cloud base lowering to 500 metres in heavy showers or thunderstorms with moderate or poor visibility.

Forecast for Wednesday 02 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/14 SE	14/22 E	16/24 E	15/23 E	17/25 NE	23/33 NE	20/29 NE	18/28 N	14/21 N
300	5/13 E	11/24 E	10/23 E	12/23 E	13/25 NE	17/33 NE	14/30 NE	13/27 N	10/21 N
Valley	6/15 E	10/24 E	10/23 E	10/21 E	13/25 NE	16/32 NE	11/26 N	12/26 N	10/22 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/9	10/7	10/7	10/8	12/8	12/8	11/8	10/6	10/7
300	12/11	12/10	12/10	13/11	14/12	15/12	14/12	12/10	12/10
Valley	13/12	14/12	14/12	14/13	16/14	17/14	16/14	14/12	13/11
Freezing Level*	2300m	3000m	2900m	2700m	2700m	2700m	2700m	2600m	2400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Watercourses may become flooded in prolonged heavy rain or thunderstorms. Suitable clothing for unseasonable bad weather is essential.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 01 Aug 2023	14.2mm	31.4mm	39.2mm

Forecast for Thursday 03 Aug 2023

Weather: Clear spells developing after midnight. A fine start to the day with well broken cloud and excellent visibility. More cloud developing through the day with the odd shower possible along with some sunny spells. Feeling cool in the strengthening north-westerly wind.

Maximum wind: NW 15-20 gust 25-30 mph

Chance of cloud-free hill tops above 600m: 90%, 50% in showers.

Low Cloud and visibility: Mostly well broken above 600 metres in excellent visibility, lowering to 500 metres in any showers with moderate visibility.

Temperature: **Valleys:** Ps 6 becoming Ps 16 Celsius
At 600m: Ps5 BECMG Ps 11 Celsius
Freezing level: Above summits